

## ABSTRACT OF THE DISCLOSURE

A retardation film which can be used as a substrate for a liquid crystal display device, and a liquid crystal display device whose weight and layer thickness can be made, respectively, light and thin and whose structure is simple. The retardation film contains a material whose intrinsic birefringence value is positive and another material whose intrinsic birefringence value is negative. There is a gas barrier layer at least one of the surfaces of the film, and that an oxygen gas permeability of the gas barrier layer in an atmosphere of high temperature and high humidity is not more than 10 ml/m<sup>2</sup>•day•MPa. The liquid crystal display device is equipped with a pair of substrates and a liquid crystal phase sandwiched by the pair of substrates, and one of the substrates in the pair of substrates has a quarter wave plate characteristic.